
Assembly Unit for a Motor Vehicle

Patent Claims

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1. Assembly unit for a motor vehicle with a said lever arm (4) arranged in a said bearing block (1) pivotably around a said axis (2) on a said bolt (3) fixed in said mounts (5, 6) of the bearing block, wherein the said bearing block (1) has at least one said section (7, 8) opening or expanding in case of an accident as a consequence of force acting on the assembly unit, so that the bolt disengages the said mounts (5, 6) as a consequence of the acting force,
characterized in that
after the assembly of the assembly unit, the said bolt (3), which has an at least two-part design, has at least one said connection area (9), on which the said individual bolt parts (10, 11) are engaged with one another in a positive-locking and nonpositive manner.
- 15 2. Assembly unit for a motor vehicle in accordance with claim 1,
characterized in that
the said lever arm (4) is a pedal.
- 20 3. Assembly unit for a motor vehicle in accordance with one of the above claims,
characterized in that
the connection between the said individual bolt parts (10 and 11) is an elastic snap connection.

4. Assembly unit for a motor vehicle in accordance with one of the above claims,
characterized in that

a said first bolt part (10) has an end slotted at least once with said hook-shaped areas (12), on whose side facing the said other bolt part (11) said tapering sections (20) are present.

5. Assembly unit for a motor vehicle in accordance with claim 4,
characterized in that

on the end side, the said bolt part (11) has an engaging contour, behind which extend the said hook-shaped areas (12) of the said first bolt part (10).

6. Assembly unit for a motor vehicle in accordance with one of the above claims,
characterized in that

said bearing elements (15, 16), by which the said bolt (3) is mounted rotatably and slidingly, are inserted into the said mounts (5, 6) of the said bearing block (1).

7. Assembly unit for a motor vehicle in accordance with claim 6,
characterized in that

the said bearing elements (15, 16) are multilayer bearings.

8. Assembly unit for a motor vehicle in accordance with claim 6 or 7,
characterized in that

the said lever arm (4) is supported with said flange-like sections (13, 14) at the said bearing element (15, 16) of the said bearing block (1) on both sides when viewed in the axial direction of the said bolt (3) and has a said stop (17) on its inner contour, with which said associated contact surfaces (18, 19) of the said bolt (3) are in contact.